

What is claimed is:

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1. A method of producing a tread for a tire provided with an electrically conductive layer arranged in at least one of a widthwise middle portion and side faces of a tread rubber made from a low electrically conductive rubber so as to extend from a high electrically conductive rubber layer located at an inner peripheral side of the tread rubber to ground contact face of a tread, which comprises winding an uncured high electrically conductive rubber ribbon for the formation of the electrically conductive layer on a circumference of a tire material containing a high electrically conductive rubber layer as at least an outermost layer at a given height in a radial direction under the rotation of the tire material, and winding an uncured tread rubber on the circumference of the tire material before or after the winding of the ribbon.

2. The method according to claim 1, wherein a part of the uncured tread rubber is wound on the circumference of the tire material before the winding of the high electrically conductive uncured rubber ribbon and the remaining portion thereof is wound after the winding of the ribbon.

3. The method according to claim 1, wherein a whole of the uncured tread rubber is constructed by winding a low electrically conductive uncured rubber ribbon on the circumference of the tire material.

4. The method according to claim 1, wherein a whole of the uncured tread rubber is constructed by winding an integral extrusion shaped body of a low electrically conductive uncured rubber on the circumference of the tire material.

5. The method according to claim 1, wherein a part of the uncured tread rubber is constructed by winding a low electrically conductive uncured rubber ribbon on the circumference of the tire material and the remaining portion thereof is constructed by winding an integral extrusion shaped body of a low electrically conductive uncured rubber on the circumference of the tire material.

6. The method according to claim 1, wherein the high electrically conductive uncured rubber ribbon forming the electrically conductive layer is wound at a side face of the uncured tread rubber within a given height from the outermost layer of the tire material in the radial direction.

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7. The method according to claim 1, wherein the outermost layer of the tire material is a tread under-cushion rubber layer or a belt cord coating rubber

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8. The method according to claim 1, wherein the outermost layer of the tire material is a base tread rubber layer and the uncured tread rubber forms a cap tread rubber layer, and a layer located at an inner circumferential side of the outermost layer is a tread under-cushion rubber layer or a belt cord coating rubber layer or a cord coating rubber layer for a belt protection member made of a high electrically conductive rubber.

9. The method according to claim 8, wherein the high electrically conductive uncured rubber ribbon forming the electrically conductive layer is wound from the tread under-cushion rubber layer or the belt cord coating rubber layer or the cord coating rubber layer for the belt protection member made of the high electrically conductive rubber in a height arriving at a surface of the cap tread rubber layer in the radial direction.

10 The method according to claim 8, wherein the high electrically conductive uncured rubber ribbon forming the electrically conductive layer is wound at side faces of the base tread rubber layer and the cap tread rubber layer in a given height in the radial direction.

11. The method according to claim 8, wherein at least one of the base tread rubber layer made of a high electrically conductive rubber and the cap tread rubber layer made of a low electrically conductive rubber is constructed by winding one or more kinds of uncured rubber ribbons or one or more kinds of uncured rubber extrusion shaped bodies on the tire material.